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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/582,423
				<b>Filing Date</b>	September 22, 2006
				<b>First Named Inventor</b>	Alain-Dominique Jean-Pierre Gorse
				<b>Group Art Unit</b>	1631
				<b>Examiner Name</b>	Brusca, John S.
<b>Sheet</b>	1	<b>of</b>	8	<b>Attorney Docket Number</b>	05796.0016.PCUS01

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)			
	A1	3,286,009	11-15-1966	Yumoto, et	
	A2	3,849,172	11-19-1974	Chin, et al.	
	A3	4,267,202	05-12-1981	Nakayama, et al.	
	A4	4,799,931	01-24-1989	Lindstrom	
	A5	4,985,468	01-15-1991	Elmes, et al.	
	A6	5,047,445	09-10-1991	Nishizawa	
	A7	5,080,924	01-14-1992	Kamel, et al.	
	A8	5,130,343	07-14-1992	Frechet, et al.	
	A9	5,139,817	08-18-1992	Abe, et al.	
	A10	5,238,613	08-24-1993	Anderson	
	A11	5,244,799	09-14-1993	Anderson	
	A12	5,364,907	11-15-1994	Rolando, et al.	
	A13	5,384,265	01-24-1995	Kidwell, et al.	
	A14	5,451,453	09-19-1995	Gagnon, et al.	
	A15	5,583,211	12-10-1996	Coassin, et al.	
	A16	5,683,800	11-04-1997	Stringfield, et al.	
	A17	5,691,431	11-25-1997	Chen, et al.	
	A18	5,789,487	08-04-1998	Matyjaszewski, et al.	
	A19	5,807,937	09-15-1998	Matyjaszewski, et al.	
	A20	5,832,102	11-03-1998	Uchida	
	A21	5,886,104	03-23-1999	Pedersen, et al.	
	A22	5,922,161	07-13-1999	Wu, et al.	
	A23	5,922,545	07-13-1999	Mattheakis, et al.	
	A24	5,976,813	11-02-1999	Beutel, et al.	
	A25	6,001,894	12-14-1999	Ottersbach, et al.	
	A26	6,013,170	01-11-2000	Meade	
	A27	6,060,530	05-09-2000	Chaouk, et al.	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds codes of USPTO Patent Documents as [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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				<b>Examiner Name</b>	Brusca, John S.
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	A28	6,110,369	08-29-2000	Ditter, et al.	
	A29	6,150,459	11-21-2000	Mayes, et al.	
	A30	6,225,368	05-01-2001	D'Agostino, et al.	
	A31	6,310,149	10-30-2001	Haddleton	
	A32	6,329,209	12-11-2001	Wagner, et al.	
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	A35	6,515,039	02-04-2003	Ulbricht, et al.	
	A36	6,582,754	06-24-2003	Pasic, et al.	
	A37	6,706,320	03-16-2004	Filippou, et al.	

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	A38	2002-0025380	02-28-2002	Vanmaele, et al.	
	A39	2003-0003223	01-02-2003	Morse, et al.	
	A40	2004-0112832	06-17-2004	Sundberg, et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T276
		Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)				
	B1	CA 2,052,783	04-06-1992	University of Florida Research Foundation, Inc.		
	B2	CA 2,249,955	04-13-2000	Guillet, James, et al.		

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	B3	CA 2,341,387	03-20-2000	Hellmuth Wurm		
	B4	EP 0060138	03-09-1982	Unilever NV		
	B5	EP 0231918	02-02-1987	Composite Particles, Inc.		
	B6	EP 0311989	01-07-1993	Dyneema, V.O.F.		
	B7	EP 0342068	04-06-1989	Societe D'Applications Pharmaceutiques et Biologiques Hoechst- Behring		
	B8	EP 0837080	04-22-1998	Elf Atochem S.A.		
	B9	EP 0947544	10-06-1999	Oji-Yuka Synthetic Paper Co., Ltd.		
	B10	EP 0972566	01-19-2000	Tran Quang, Minh		
	B11	EP 1072635	07-21-2000	Dr. Wolfgang Kern		
	B12	GB 1138287	12-27-1968	DuPont de Nemours		
	B13	GB 02199786	07-20-1988	Fuji Photo Film Co., Ltd.		
	B14	GB 0856329	12-14-1960	DuPont de Nemours		
	B15	GB 0935013	08-21-1963	B.X. Plastics Limited		
	B16	JP 1275639	11-06-1989	Agency of Ind. Sci. Tech.		
	B17	JP 2001-157574	12-26-2002	Nippon Seibutsu Kagaku Ct KK and Japan Clinical Lab Inc.		
	B18	JP 2001-261758	09-26-2001	Kawamura Inst. Of Chem. Res.		
	B19	JP 3065341	03-20-1991	Mitsui Petrochemical Ind.		
	B20	JP 8259716	08-10-1996	Japan Atomic Energy		

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
				Res. Inst.		
	B21	WO 90-02749	03-22-1990	Forskningscenter Riso		
	B22	WO 90-07575	07-12-1990	David M. Anderson		
	B23	WO 91-07687	05-30-1991	National Research Development Corporation		
	B24	WO 92-05696	04-16-1992	University of Florida		
	B25	WO 95-09176	04-06-1995	Bechman Instruments Inc.		
	B26	WO 97-02310	01-23-1997	Commonwealth Scientific and Industrial Research Org.		
	B27	WO 97-47661	12-18-1997	University of Warwick		
	B28	WO 98-01480	01-15-1998	Carnegie-Mellon University		
	B29	WO 98-31732	07-23-1998	IRORI		
	B30	WO 99-28352	06-10-1999	University of Warwick		
	B31	WO 00-12575	03-09-2000	Jerini Bio Tools GMBH		
	B32	WO 00-78740	12-28-2000	Harikrishnan, Lalgudi, Sankaran		
	B33	WO 01-62804	08-30-2001	ATO-FINA		
	B34	WO 02-50171	06-27-2002	Polymerat Pty Ltd.		
	B35	WO 03-000708	01-03-2003	Clontech Laboratories, Inc.		
	B36	WO 03-042249	05-22-2003	Novo Nordisk A/S		
	B37	WO 04-055518	07-01-2004	Astrazeneca AB		

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Sheet	5	of	8			

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T <sup>2</sup>
	C1	U.S. Appl. 10/052,907 Restriction requirement dated August 13, 2003	
	C2	U.S. Appl. 10/052,907 Non-final office action dated May 13, 2004	
	C3	U.S. Appl. 10/052,907 Final office action dated December 21, 2004	
	C4	U.S. Appl. 10/052,907 Advisory Action dated May 12, 2005	
	C5	U.S. Appl. 10/052,907 Non-final office action dated July 27, 2005	
	C6	U.S. Appl. 10/451,720 Non-final office action dated May 28, 2004	
	C7	U.S. Appl. 10/451,720 Non-final office action dated December 28, 2004	
	C8	U.S. Appl. 10/451,720 Non-final office action dated August 12, 2005	
	C9	U.S. Appl. 10/451,720 Notice of Allowance dated August 11, 2006	
	C10	U.S. Appl. 10/109,777 Non-final office action dated May 21, 2003	
	C11	U.S. Appl. 10/109,777 Notice of Allowance dated December 5, 2003	
	C12	U.S. Appl. 10/514,070 Restriction Requirement dated June 27, 2008	
	C13	U.S. Appl. 10/514,070 Restriction Requirement dated December 12, 2008	
	C14	U.S. Appl. 10/514,070 Non-final office action dated May 12, 2009	
	C15	U.S. Appl. 10/451,807 Restriction Requirement dated December 19, 2005	
	C16	Angot, S., et al., "Living Radical Polymerization Immobilized on Wang Resins: Synthesis and Harvest of Narrow Polydispersity Poly(methacrylate)s," Macromolecules, Vol. 34, pp. 768-774 (2001)	
	C17	Berg, R., et al., "Long-Chain Polystyrene-Grafted Polyethylene Film Matrix: ?A New support for Solid-Phase Peptide Synthesis," J. Am Chem. Soc., Vol. 111, pp. 8024-8026 (1989)	
	C18	Boer, B., et al., "Microporous Honeycomb-Structured Films of Semiconducting Block Copolymers and Their Use as Patterned Templates," Advanced Materials, Vol. 12, No. 21, pp. 1581-1583 (2000)	
	C19	Darling, T., et al., "Living Polymerization: Rationale for Uniform Terminology," J. Polym. Sci. Part A: Polym. Chem., Vol. 38, pp. 1706-1708 (2000)	
	C20	Derwent Abstract Accession No. 1991-127943 and JP-03-065341 (XP002394884)	
	C21	Derwent Abstract Accession No. 2001-499482 and JP-2001-158847	
	C22	Derwent Abstract Accession No. 89-367670, Class A35, and JP 1-275639 A	
	C23	Derwent Abstract Accession No. 96-502794, Class A96, and JP 8-259716 A	
	C24	Ejaz, M., et al., "Controlled Grafting of a Wall-Defined Glyco-polymer on a Solid Surface by Surface-Initiated Atom Transfer Radical Polymerization," Macromolecules, Vol. 33, pp. 2870-2874 (2000)	

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	C25	European Supplemental Partial Search Report of EP 01271412 dated May 13, 2004	
	C26	European Supplementary Search Report of EP 01271084 dated May 19, 2004	
	C27	European Supplementary Search Report of EP 02712637 dated August 16, 2006	
	C28	European Supplementary Search Report of EP 03718551 dated July 5, 2005	
	C29	European Supplementary Search Report of EP 05756657 dated February 26, 2009	
	C30	Granel, C., et al., "Controlled Radical Polymerization of Methacrylic Monomers in the Presence of a Bis(ortho-chelated) Arylnickel(II) Complex and Different Activated Alkyl Halides," Macromolecules, Vol. 29, pp. 8576-8582 (1996)	
	C31	Hawker, C., et al., "Radical Crossover in Nitroxide Mediated 'Living' Free Radical Polymerizations," J. Am. Chem. Soc., Vol. 118, pp. 11467-11471 (1996)	
	C32	Hori, M., et al., "Investigating Highly Crosslinked Macroporous Resins for Solid-Phase Synthesis," Biorganic & Med. Chem. Letters, Vol. 8, pp. 2363-2368 (1998)	
	C33	International Preliminary Report on Patentability of PCT/AU2005/000966 dated January 9, 2007	
	C34	International Search Report of PCT/AU01/01638 dated January 22, 2002	
	C35	International Search Report of PCT/AU03/00566 dated July 1, 2003	
	C36	International Search Report of PCT/AU2005/000966 dated August 3, 2005	
	C37	Jenekhe, S., et al., "Self-Assembly of Ordered Microporous Materials from Rod-Coil Block Copolymers," Science, pp. 372-375 (1999)	
	C38	Karthauss, O., et al., "Water-Assisted Formation of Micrometer-Size Honeycomb Patterns of Polymers," Langmuir, Vol. 16, No. 15, pp. 6071-6076 (2000)	
	C39	Kato, M. et al., "Polymerization of Methyl Methacrylate with the Carbon Tetrachloride/Dichlorotris-(triphenylphosphine)ruthenium(II)Methylaluminum Bis(2,6-di-tert-butylphenoxide)Initiating System: Possibility of Living Radical Polymerization," Macromolecules, Vol. 28, pp. 1721-1723 (1995)	
	C40	Kunitake, T., "Self-Assembly of Polymers," Current Opinion in Colloid and Interface Sciences, Vol. 6, pp. 1-2 (2001) Editorial Overview	
	C41	Machi, S., et al., "Effect of Swelling on Radiation-Induced Grafting of Styrene to Polyethylene," J. Polymer Science, Vol. 8, pp. 3329, 3337 (1970)	
	C42	Maeji, N. Joe, et al., "Grafted Supports Used with the Multipin Method of Peptide Synthesis," Reactive Polymers, Vol. 22, pp. 203-212 (1994)	
	C43	Mandal, T. et al., "Production of Hollow Polymeric Microspheres by Surface-Confined Living Radical Polymerization on Silica Templates," Chem. Mater., Vol. 12, pp. 3481-3487 (2000)	
	C44	Maruyama, N., et al., "Mesoscopic Patterns of Molecular Aggregates on Solid Substrates," Thin Solid Films, 327329, pp. 854-856 (1998)	

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	C45	Muir, B.W., et al., "High-Throughput Optimization of Surfaces for Antibody Immobilization Using Metal Complexes," ANALYTICAL Biochemistry, Vol. 363, No. 1, pp. 987-107 (2007) XP005910998	
	C46	Needels, M., et al., "Generation and Screening of an Oligonucleotide-Encoded Synthetic Peptide Library," Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 10700-10704 (1993)	
	C47	Nishikawa, T., et al., "Honeycomb-Patterned Thin Films of Amphiphilic Polymers as Cell Culture Substrates," Materials Science and Engineering, C Vol. 8-9, pp. 495-400 (1999)	
	C48	Nishikawa, T., et al., "Mesoscopic Patterning of Cell Adhesive Substrates as Novel Biofunctional Interfaces," Materials Science and Engineering, C Vol. 10, No. 1-2, pp. 141-146 (1999)	
	C49	Ookura, R., et al., "Stabilization of Micropatterned Polymer Films as Artificial Extracellular Matrices for Tissue Engineering, Molecular Crystals and Liquid Crystals Science and Technology Section A-Molecular Crystals and Liquid Crystals," Vol. 337, pp. 461-4 (1999)	
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	C51	Patten, T. et al., "Polymers with Very Low Polydispersities from Atom Transfer Radical Polymerization," Science, Vol. 272, pp. 866-868 (1996)	
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				<b>Application Number</b>	10/582,423
				<b>Filing Date</b>	September 22, 2006
				<b>First Named Inventor</b>	Alain-Dominique Jean-Pierre Gorse
				<b>Group Art Unit</b>	1631
				<b>Examiner Name</b>	Brusca, John S.
<b>Sheet</b>	8	<b>of</b>	8	<b>Attorney Docket Number</b>	05796.0016.PCUS01

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T <sup>2</sup>
	C59	<b>Stolowitz, M., et al.,</b> "Phenylboronic Acid-Salicylhydroxamic Acid Bioconjugates, 1. A Novel Boronic Acid Complex for Protein Immobilization," Bioconjugate Chemistry, Vol. 12, pp. 229-239 (2001)	
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